APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

On the Friction of Cast Iron Against Chromium-Plated Steel, by M. M. Kontorovich, V. I. Arkharov, 9pp.
RUSSIAN, per, Vestnik Mashinostroeniya, Vol 20, No 10, 1940, pp 10-12.
CFSTI TT-64-18347.

322,666

Sci - Metallurgy
Apr 67

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

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Lazarenko, B. R.

Vestnik Mashinostroeniya, Vol. 27, 1947, #1, pp. 25-36; 12 figures, 2 tables, 5600 words.

The Electrospark Method of Machining of Metals.

B Brutcher Trans, Order No.2566, $9.70

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

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GELPERIN, N. B.

VESTNIK MASHINOSTROENIYA, vol 27, No 2, 1947

Formation of Hot Tears in Steel Castings

Brutcher Tr 2271, $2.40

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

GULYAEV P. A.

Vestnik Mashinostroeniya, vol. 27, 1947, no. 7, pp. 44-47; 3 figures, 2 tables, 1650 words.

Influence of Alloy Elements on the Behavior of Steel in Carburizing.

Brutcher Trans, Order No. 2023, $2.85

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

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LACHUTKOV, I. N.
DASHKIFOV, D. YA.

Vestnik Mashinostroeniya, vol. 27, No. 8, 1 figure, 2 tables, 1700 words; 1947.

Sub-zero Treating of Cutting Tools.

Brutcher Trans, Order No. 8031, $2.95

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

FEDORCHENKO, I. M.

Vestnik mashinostroeniya, vol. 27, No. 8, 7 figures. 3 tables, 3350 words; 1947.

On the Strength and Plasticity of Iron Powders.

Brutcher Trans, Order No. 2041, $ 5.80.

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

Sub-zero Treating of Cutting Tools, by I. N. Laguntsov, B. Ya. Bashkirov.

RUSSIAN, per, Vest Mash, Vol XXVII, No 8, 1947.

Brutcher Tr No 2031

Scientific - Engineering

$2.95

14,443

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

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Elementary Theory of Plastic Deformation, by M. Storozhev. UKCL

RUSSIAN, per, Vest Mash, No 5, 1948, pp 43-48.

NLL M. 4324
British Iron and
Steel Ind 1188
(12 15s.0d)

Sci - Phys; Chem
Apr 59

84,727

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

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Glorious Pioneers of Advanced Techniques, 2 pp.

RUSSIAN, per, Vest Mashinostroy, No 7, USSR, Jul 1948.

CIA/FDD/X-1237

USSR
Economic
DEX

10,086

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

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Non-Stamp Deep Drawing of Thin Metal Sheet With the Forces of Friction, by N. A. Maslennikov, 9 pp.

RUSSIAN, per, Vest Mash. No 4, 1950, pp 59-63.

Sci Mus Lib Tr 57/2825

Sci - Min/met
Mar 58

60,828

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

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One of the Reasons for "Spontaneous" Failure of Bolts, by O. L. Bendrysbev.

RUSSIAN, per, Vest Mashin, No 5, 1950, pp 17-18.

BISI 2430

Sci - Engr

Mar 62

List 125

189,062

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

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New Structural Gaged Steel Specifications, by Engr D. V. Krotkov, 7 pp. UNCLASSIFIED

Full translation.

RUSSIAN, no per, Vest Mashinostroy, Vol XXI, No 1, Jan 1951, pp 86-87.

AMC F-TS-7842-RE

USSR

Economic - metals, steel.
Scientific - Minerals/metals

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

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(FDD 20331)

Creative Cooperation Between Workers in Science and Industry, by A. T. Dykov, 10 pp.

RUSSIAN, no per., Vest Mashinostroy, Vol XXXI, No 4, Moscow, Apr 1951, pp 14-17.

CIA/FDD/U-5675

USSR

11,572

Economic - Tech.

Mar 54 CTS

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

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Behavior of Hard Chromium Deposits Under Cyclic Stress, Communication I, by A. A. Starosel'skiy, D. N. Garkunov.

RUSSIAN, per, Vest Mash, Vol XXXI, No 3, 1951, pp 33-37.

ASLIB GB 70
Brutcher No 3105
$2.80

40,662

Sci - Min/metals

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

On the Decomposition of Retained Austenite in Steel When Being Shot Peened, by N A Karasev, UNCLASSIFIED

RUSSIAN, per, Vest Mash, Vol XXXII, 1952, No 1, pp 44-46.

Brutcher Order No 2957
Price $2.95

459

Scientific - Metallurgy

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

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Rapid Porous Chromium Plating, by D. V. Pletnev, V. N. Brusentseva

RUSSIAN, per, Vest Mash, Vol XXXII, No 2, 1952, pp 37-40.

Brutcher Order No 2953
Price $6.20

Scientific - Minerals/Metals Jun 53 CTS

2240

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

(FDD 16594)

Standardization in Shipbuilding, by A. P. Strakhov,

RUSSIAN, per, Vest Mashinostroy, Moscow No 2, Feb 1952, pp, 77-82.

In "Revision of USSR State Standards

FDD Sum

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

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Contribution to the Problems of the Austenite-
Martensite Transformation. by G. A. Oding,
UNCLASSIFIED

RUSSIAN, per, Vest Mash, Vol XXXII, 1952, No 3,
pp 69-71

Brutcher Order no 3046
Price $3.50.

Scientific- Metallurgy

458

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

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Nitriding of Austenitic Steels, by K. S. Khomenko

Full translation.

RUSSIAN, per, Vestnik Mash, Vol XXXII, No 3, 1952, pp 71-72.

Brutcher Tr No 3047

Scientific - Minerals/Metals Jul 53 CTS/DEX
Price $3.30

3964

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

Corrosion-Resistant Iron-Base Metal Powder Products, by N. I. Moskvin.

Full translation.

RUSSIAN, per, Vestnik Machinostroeniya, Vol XXXII, No 3, 1952, pp 73-76.

Brutcher Tr No 2967

USSR

Scientific - Iron-Powder, metal, corrosion, parts

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

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Bimetallic Metal-Powder Parts, by V. V. Saklinskii,

Full translation.

RUSSIAN, per, Vestnik Mashinostroeniya, Vol XXXII, No 3, pp 76-79.

Brutcher Tr 2963

Scientific - Bimetallic, antifriction powder

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

Polyakova, K. K.
VINIPLAST AND POLYISOBUTYLENE AND THEIR USE IN CONSTRUCTION OF CHEMICAL EQUIPMENT. [1963] 16p 3refs
Order from OTS, SLA, or ETC $1.60 TT-63-18961

Trans. of Vestnik Mashinostroeniya (USSR) 1952, v. 32, no. 4, p. 39-44.

DESCRIPTORS: *Vinyl plastics, *Plastic pipes, Valves, Pressure vessels, *Polyethylene plastics, Butenes, *Plastics coatings.

(Materials--Plastics, TT, v. 11, no. 6)

TT-63-18961

1. Polyisobutene
I. Polyakova, K. K.

Office of Technical Services

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

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Nature of Damping of Vibrations (in Iron and Steel
by V. I. Prosvirin, N. N. Morgunova.

RUSSIAN, per, Vest Mashinostroeniya, Vol XXXII,
No 5, 1952, pp 53-59.

Brutcher Tran 3559
$7.20

Sci - Minerals/Metals, Chemistry

29,810

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

Effect of Shot Peening Upon the Transformation of Austenite (In Steel), by E. N. Bolkhovitinova.

Full translation.

RUSSIAN, per, Vestnik Machinostroeniya, Vol XXXII, No 5, 1952, pp 67-69.

Brutcher Tr No 2958

USSR

Scientific - Metallurgy, shot peening, transformation, steel

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APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

(FDD 16594)

Methodological and Theoretic Problems of Standardization, by A. F. Lyutikov,

RUSSIAN, per, Vest Mashinostroy, No 5, (Moscow) May 1952, pp, 72-74.

In "Revision of USSR M State Standards

FDD Sum

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

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(FDD 16594)

Standardization and Normalization in Machine Building, by G. M. Rabinovich,

RUSSIAN, per, Vest Mashinostroy, Moscow No 5, May 1952, pp, 74-75.

In "Revision of USSR State Standards

FDD Sum

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

(FDD 16594)

Some Problems in the Normalization of Tools, by A. S. Smirnov,

RUSSIAN, per, Vest Mashinostroy, No 5, Moscow, May 1952, pp. 75-78.

In "Revision of USSR State Standards

FDD Sum 3216

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

Behavior of Hard Chromium Deposits Under Cyclic Stress, Communication II, by A. A. Starosel'skiy, D. N. Garkunov.

RUSSIAN, per, Vest Mash, Vol XXXII, No 6, 1952, pp 55-56.

Brutcher No 2954
$1.90

40,664

Sci - Min/metals

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

(FDD 16594)

Trends Toward Normalization in Machine Design, by V. B. Gokun,

RUSSIAN, per, Vest Mashinostroy, No 6, Jun 1952, (Moscow) pp. 72-77.

In "Revision of USSR State Standards

FDD Sum

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

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Effect of an Electric Current on Wear During Friction of Metal Bodies, by P. L. Gordienko, S. L. Gordienko, UNCL

RUSSIAN, per, Vest Mash, No 7, 1952, p 38.

DSIR 33998/CT

Sci - Phys
Mar 59

HA 4753

83,343

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

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(FDD 16594)

Aims and Problems of Standardization and Normalization, by A. N. Sosinov,

RUSSIAN, per, Vest Mashinostroy, Moscow, No 7, Jul 1952, pp. 86-88.

In "Revision of USSR State Standards

M FDD Sum

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

(FDD 16594)

Goals of Standardization, by B. A. Katanov,

RUSSIAN, per, Vest Mashinostroy, No 7, (Moscow) Jul 1952, pp. 85, 86.

In "Revision of USSR State Standards

FDD Sum

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

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Heat Treating of Surface Welds in Stainless Steel, by M. B. Shapiro

RUSSIAN, per, Vest Mash, Vol XXXII, No 8, 1952, pp 63-65.

Brutcher Tr 3187

Scientific - Minerals/Metals
CTS/DEX Price $2.90

8523

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(FDD 16594)

Standardization and Normalization in Machine Building, by P. K. Gedyk,

RUSSIAN, per, Vest Mashinostroy, (Moscow) No 8, Aug 1952, pp 80-83

In "Revision of USSR State Standards

FDD Sum

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(FDD 16594)

Questions of Normalization and Standardization,
by Ye. A. Traynin,

RUSSIAN, per, Vest Mashinostroy, No 8, Moscow Aug 1952,
pp, 83-85.

In "Revision of USSR State Standards

FDD Sum 210

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

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Hot and Cold Ductility of Calorized Coatings, by S. G. Bogdanov, 1900 words.

RUSSIAN, per, Vestnik Mashinostroeniya, Vol XXXII, No 9, 1952, pp 48-54.

Brutcher No 3530
$3.80

Scientific - Minerals/metals

26,719

Sep 55

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(FDD 17807)

Problems of Steel Deterioration at High Cutting Speeds, by G. I. Talakvadze, 12 pp.

RUSSIAN, mo per, Vest Mashinostroy, Vol XXXII, No 9, Moscow, Sep 1952, pp 50-54.

CIA/FDD/U-5010

USSR
Econ

9066

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

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Wear Resistance of Steel Surfaces, by V. V. Chernyshev

mo
RUSSIAN, /per, Vest Mashinostroy, Vol XXXII, No 9, 1952, pp 54-57

25,282 Brutcher Tr 3450 $3.80

Scientific - Min/Metals Jul 55 CTS

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Study of Fatigue Strength of Shot-Peened Specimens Under Stresses Exceeding the Fatigue Limit, by M. Ya. Shashin.

RUSSIAN, per, Vest Mash, Vol XXXII, No 9, 1952, pp 57-60.

Brutcher No 3145
$3.90

40,688

Sci - Min/metals

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(FDD 17953)

Shortcomings in Orgaizing the Supervision of Measuring Equipment, by E. I. Aleksandrova, 26 pp.

RUSSIAN, mo per. Vest Mashinostroy, Vest Mashinostroy, Vol XXXII, No 9, Moscow, Sep 1952, pp 69-75.

CIA/FDD/U-5198

USSR

Econ

DEX 8951

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(FDD 16594)

Experience With the Standards for Drafting, N. Ye. Ivanovskiy,

RUSSIAN, per, Vest Mashinostroy, (Moscow) No 9, Sep 1952, pp. 76-79.

In "Revision of USSR State Standards

FDD Sum

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Electrospark Machining of Metals, by I. S. Bulkin,

RUSSIAN, per, Vest Mashinostroeniya, Vol XXXII, No 11, 1952, pp 44-49.

Brutcher Tr No 3284

Scientific - Min/Metals

13,731

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

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Mechanical Process for ~~EE~~ Porous Chromium Plating,
by G. S. Samoilovich, N. G. Andreev

Full translation.

RUSSIAN, per, Vest Mash, Vol XXXII, No 11, 1952,
pp 49-52.

Brutcher Tr No 3090

Scientific - Engineering

Jul 53 GTS/DEX
Price $3.75

3968

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

Comparison of Damping Capacities of Some Steels and Cast Irons, by N. N. Morgunova.

RUSSIAN, per, Vest Mashinostroeniya, Vol XXXII, No 11, 1952, pp 59-61.

Brutcher Tr
No 3616

Scientific - Min/Metals

Jan 56 CTS/DEX
$3.50

30,249

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

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(FDD 16594)

Parametric Standards in Transport Machine Building,
by G. S. Topornin,

RUSSIAN, per, Vest Mashinostroy, No 12, Moscow Dec 1952,
pp. 76-81.

In "Revision of USSR State Standards

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Effect of the Length of the Arm of the Bending Moment on the Stress Concentration in Fillets, by B. V. Penov.

RUSSIAN, per, Vest Mash, No 1, 1953, pp 33, 34.

DSIR/31317/CT

58 8444

Sci - Physics
Feb 58

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(FDD 18476)

Standardization and Normalization in the Field of Measuring Instruments, by V. V. Doschatov, 13 pp.

RUSSIAN, mo per, Vest Mashinostroy, Vol XXXIII, No 2, Moscow, Feb 1953, pp 86-90.

CIA/FDD/U-5082

USSR

Econ

9070

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

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Descaling by Reduction of Scale With Sodium Hydride, by A. V. Smirnov et al

RUSSIAN, per, Vest Mash, Vol XXXIII, No 3, 1953, pp 37-39.

Brutcher Tr 3307

Scientific - Minerals/Metals
Jul CTS/DEK

15,976

Price $3.60

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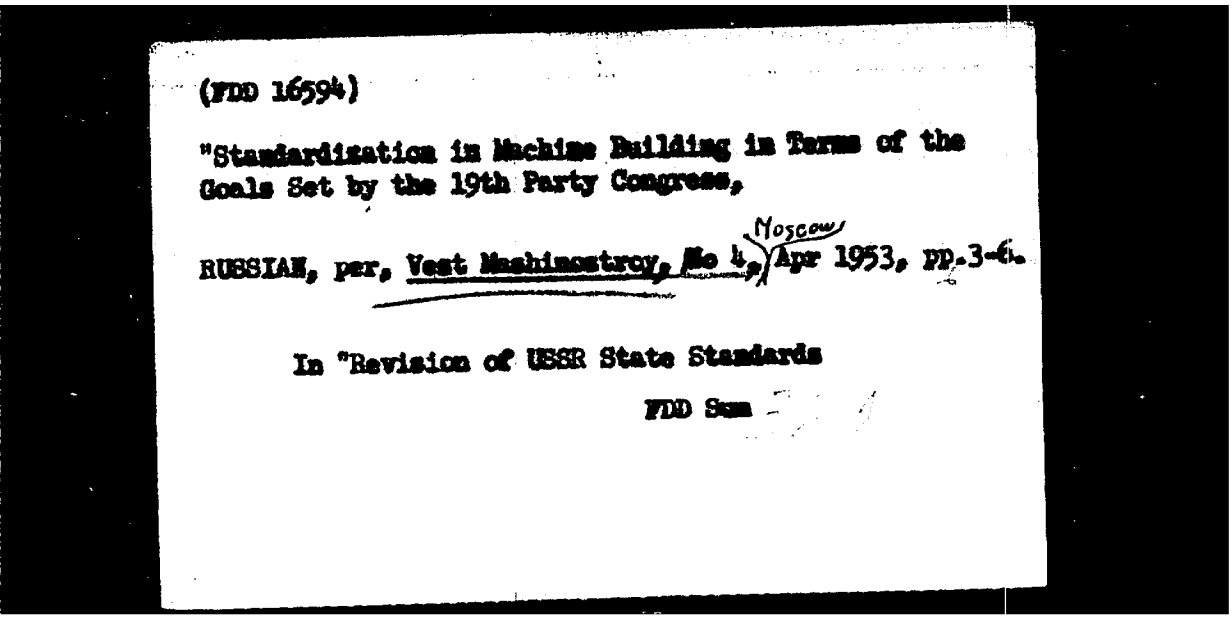

(FDD 16594)

"Standardization in Machine Building in Terms of the Goals Set by the 19th Party Congress,

RUSSIAN, per, Vest Mashinostroy, No 4, Moscow Apr 1953, pp.3-6.

In "Revision of USSR State Standards

FDD Sum

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(FDD 16594)

Recapitulate Discussion of Standardization in Machine Building,

RUSSIAN, per, Vest Mashinostroy, (Moscow) No 4, Apr 1953, pp. 74-76, 83-87.

In "Revision of USSR State Standards

FDD Sum

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(FDD 16594)

Basic Trends in Standardization of Products of the Electrical Industry, by G. S. Plis,

RUSSIAN, per, Vest Mashinostroy, No 4, Moscow Apr 1953, pp 76-80.

In "Revision of USSR State Standards

FDD Sum

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4 (FDD 16594)

Some Urgent Problems of Standardization, by L. S. Sosnovskaya,

RUSSIAN, per, Vest Mashinostroy, No 4, (Moscow) Apr 1953, pp. 80-82.

In "Revision of USSR State Standards

FDD Sum

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Annealing of Steel in Electrode-Heated Salt Baths, by A. I. Zot'ev.

RUSSIAN, mo per, Vestnik Mashinostroeniya, Vol XXXIII, No 5, 1953, pp 43-46.

Henry Brutcher Tr 3122

$4.80

43,904

Sci - Minerals/Metals; Engineering
Feb 1957 CTS

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000100130070-0

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Use of Cutting Fluid in High-Speed Counterboring of Gray Iron, by T. F. Terlikova.

RUSSIAN, per, Vestnik Mashinostroeniya, Vol XXXIII, No 5, 1953, pp 59-61.

Brutcher Tr No 3158

Scientific - Min/Metals

Dec 54 CTS/DMK 14,733

$3.75

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Study of Antifriction Properties of Chromium Deposits Made Porous by Mechanical Means, by D. N. Garkunov, A. A. Polyakov

RUSSIAN, per, Vest Mash, Vol XXXIII, No 6, 1953, pp 65-67.

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face Grinding of Rolls by the Electrospark
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RUSSIAN, per, Vest Mash, Vol XXXIII, No 8, 1953, pp 59-66.

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Popilov, L. Ya.
CONFÉRENCE SCIENTIFIQUE ET TECHNIQUE SUR L'ENLÈVEMENT DU MÉTAL LORS DE L'USINAGE PAR ÉROSION ÉLECTRIQUE (Scientific Conference and Technic of the Removing of Metal at the Time of the Manufacturing by Electrical Erosion). 12p. (text in French).
Order from OTS or ETC $1.10 62-26318

Trans. in French of Vestnik Mashinostroeniya (USSR) 1953 [v. 33 no. 8, p.101-104.

DESCRIPTORS: *Electroerosive machining, Electrolytic polishing, Spark machining, Theory.

(Machinery--Manufacturing, TT, v. 9, no. 8)

62-26318

I. Popilov, L. Ya.
II. Centre National de la Recherche Scientifique (France)

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Analysis of Factors Affecting Area of Contact of Chip With Leading Edge of Tool, and the Mean Specific Normal Pressure, by A. M. Zhukov, 7 pp,

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Some Properties of Iron Powders Produced by Atomization, by V. I. Prosvirin, A. F. Silaev

RUSSIAN, per, Vest Mash, Vol XXXIII, No 9 , 1953, pp 59-61.

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Effect of Heat Treatment of Titanium-Stabilized 18-9 Cr-Ni Stainless Steel with Varying C/Ti Ratio Upon Resistance to Intergranular Corrosion, by E. I. Astrov and V. N. Biryukova. UNCLASSIFIED

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Gas Chromizing of Steel Using Ceramic Materials,
by G. N. Dubinin

RUSSIAN, per: Vest Mash, Vol XXXIII, No 12, 1953,
pp 69-70.

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